IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. 09/328,975 Confirmation No. 7574

Applicants:

Jon A. Wolff, et al.

Filed

06/09/1999

Art Unit

1635

Examiner

Schnizer, Richard

Docket No.:

Mirus009

For: Charge Reversal of Polyion Complexes

Commissioner of Patents PO Box 1450 Alexandria, VA 2231-1450

DECLARATION UNDER 37 C.F.R. '1.132

Dear Examiner:

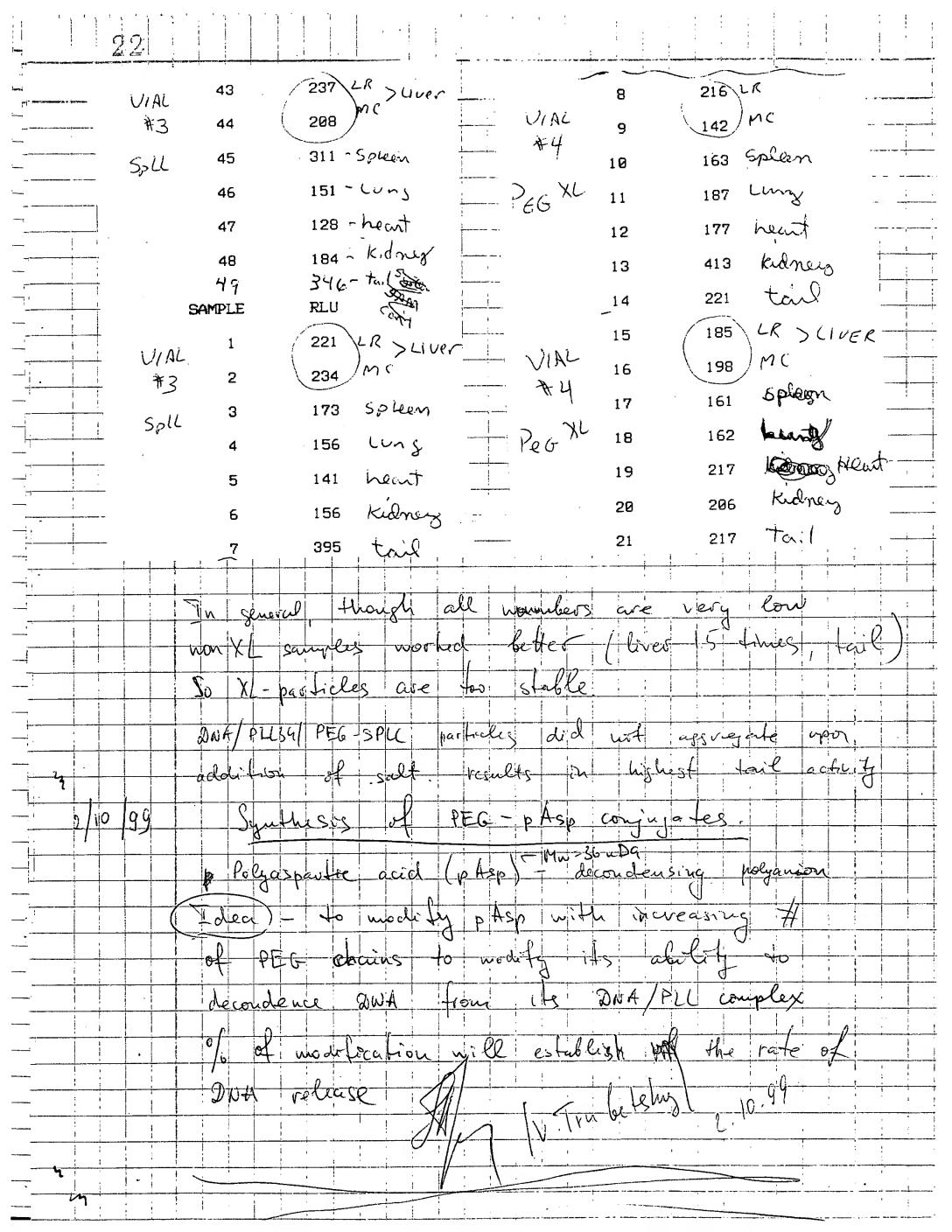
- I, Vladimir Trubetskoy, hereby declare as follows:
- 1. I am an inventor of the captioned application.
- 2. The attached notebook pages (nos. 120-122) contain the experiment and data that is described in the specification in example 6 starting on page 26.
- 3. The abbreviation used throughout this notebook for polyaspartic acid was pAsp (see page 22 of the notebook). The abbreviation for polyacrylic acid used throughout the notebook was pAA (see page 111 of the notebook).
- 4. The polymer used in the experiment disclosed in the specification in example 6 was polyacrylic acid.
- 5. The abbreviation listed in the specification on page 22 line 27 for polyaspartic acid is a typographical error. The correct abbreviation for polyaspartic acid is found on page 6 line 26 and page 20 line 4 of the specification. Also note that the abbreviation pMAA, for

polymethylacrylic acid (see page 6 line 26 and page 20 line 4 and page 111 of the notebook), is consistent with PAA being the abbreviation for polyacrylic acid.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dr. Vladimir S/Trubetskoy

Date



	Fl-Dirit décondens à lois with différent polyacry la tes.
	Polyacrylates pMAA 9 LDq pAA 30 LDq pPAA 3 LDan Davers
	DWA Dy was andensed with 127 PCC 34
	No. FI [ug/ml] 1 -0.016 0.0118 2 56.588 0.4026 2014 3 8.452 0.0703 403/000
	4 46.071 0.3300 (to, pAt) 5 56.180 0.3998 6 48.614 0.3476 (2014) 7 8.687 0.0719 (2014) (2014) 8 9.190 0.0754 (2014)
	2 53.121 0.3787 Deft 10 8.083 0.0678 10 11 7.983 0.0671 40 62 PAA 12 7.660 0.0648 10 13 7.405 0.0631 60 1
4.29	Cell-binding results of experiment on p. 110. Polyanions alone did not movined - no all Bid.
	leut probably concentration was too low
	aisassemble on cell surface, Sott almost musible buly DNA (may be intensify), no internalization
	400 pour tielles ave mora stable than 210 mote colocolization.
	(2) XL particles bind less than no-X/ but

